

REMARKS

The new claims presented herein are supported by the disclosure as indicated in the following annotated version of the claims:

ANNOTATED VERSION OF NEW CLAIMS SHOWING SUPPORT THEREOF

110. A local area network comprising:
a plurality of local area network nodes; (ELEMENTS 12, 14, 16, 18, 20, 22)
a LAN switch (ELEMENT 34); and
communication cabling (11 IN FIG. 1A) connecting said plurality of nodes to said switch for providing data communication;
said LAN switch comprising:
coupler circuitry (220, FIG. 3A) coupling power into the communication cabling substantially without interfering with data communication (PAGE 40, FIRST PARAGRAPH); and
a power management and control unit (FIG. 10A, ELEMENT 2038, PAGE 77, FIRST COMPLETE PARAGRAPH) governing the supply of power to at least some of the plurality of local area network nodes via the communication cabling.
111. A local area network according to claim 110 and also comprising:
a reporting functionality operative to output a report pertaining to the status of at least one of the plurality of nodes. (PAGE 79, FIRST PARAGRAPH, ESPECIALLY LINE 6)
112. A local area network according to claim 110 and also comprising a power supply subsystem (PAGE 33, SECOND COMPLETE PARAGRAPH) which supplies operating power to at least one of the local area network nodes via the communication cabling.

113. A local area network according to claim 110 and also comprising a power supply subsystem (PAGE 33, SECOND COMPLETE PARAGRAPH) which supplies backup power to at least one of the local area network nodes via the communication cabling.

114. A local area network according to claim 111 wherein said report includes a report of at least one characteristic of at least one node from among the plurality of nodes. (PAGE 10, THIRD COMPLETE PARAGRAPH)

115. A local area network according to claim 114 wherein said at least one characteristic comprises an indication of power consumption of at least one node from among the plurality of nodes. (PAGE 10, THIRD COMPLETE PARAGRAPH)

116. A local area network according to claim 114 wherein said at least one characteristic comprises at least one characteristic of the power allocated to at least one node from among the plurality of nodes. (PAGE 66, SECOND COMPLETE PARAGRAPH)

117. A local area network according to claim 110 wherein said communication cabling comprises a multiplicity of twisted cable pairs and wherein data and power are carried on the same twisted cable pairs. (PAGE 32, SECOND COMPLETE PARAGRAPH)

In view of the foregoing remarks, all of the claims are believed to be in condition for allowance. Favorable reconsideration and allowance of the application is respectfully requested.

Respectfully submitted,



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